

METHOD AND COMPOSITION FOR TREATING OSTEOPOROSIS

5

Abstract

This invention relates to a novel class of acidic amino acid/dicarboxylic acid derivatives (sulfonic acid/sulfate derivatives of naturally occurring amino acids and their amides) useful as inhibitors of osteoclastogenesis. The invention also provides
10 methods of using the novel class of acidic amino acid/dicarboxylic acid derivatives of the general formula $ZOC-(CRR)_m-COOH$, wherein: $m = 2, 3$ or 4 ; Z is OH or NH_2 ; one R in the compound is from the group consisting of SO_3H , OSO_3H , CH_2-SO_3H , CH_2-OSO_3H , and $NHSO_3H$, and the remaining R s are H or NH_2 , for inhibition of osteoclastogenesis.

15